

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033190.D
 Acq On : 19 Nov 2021 23:41
 Operator : CG/JU
 Sample : M4677-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AB5MSD

Quant Time: Nov 20 01:06:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

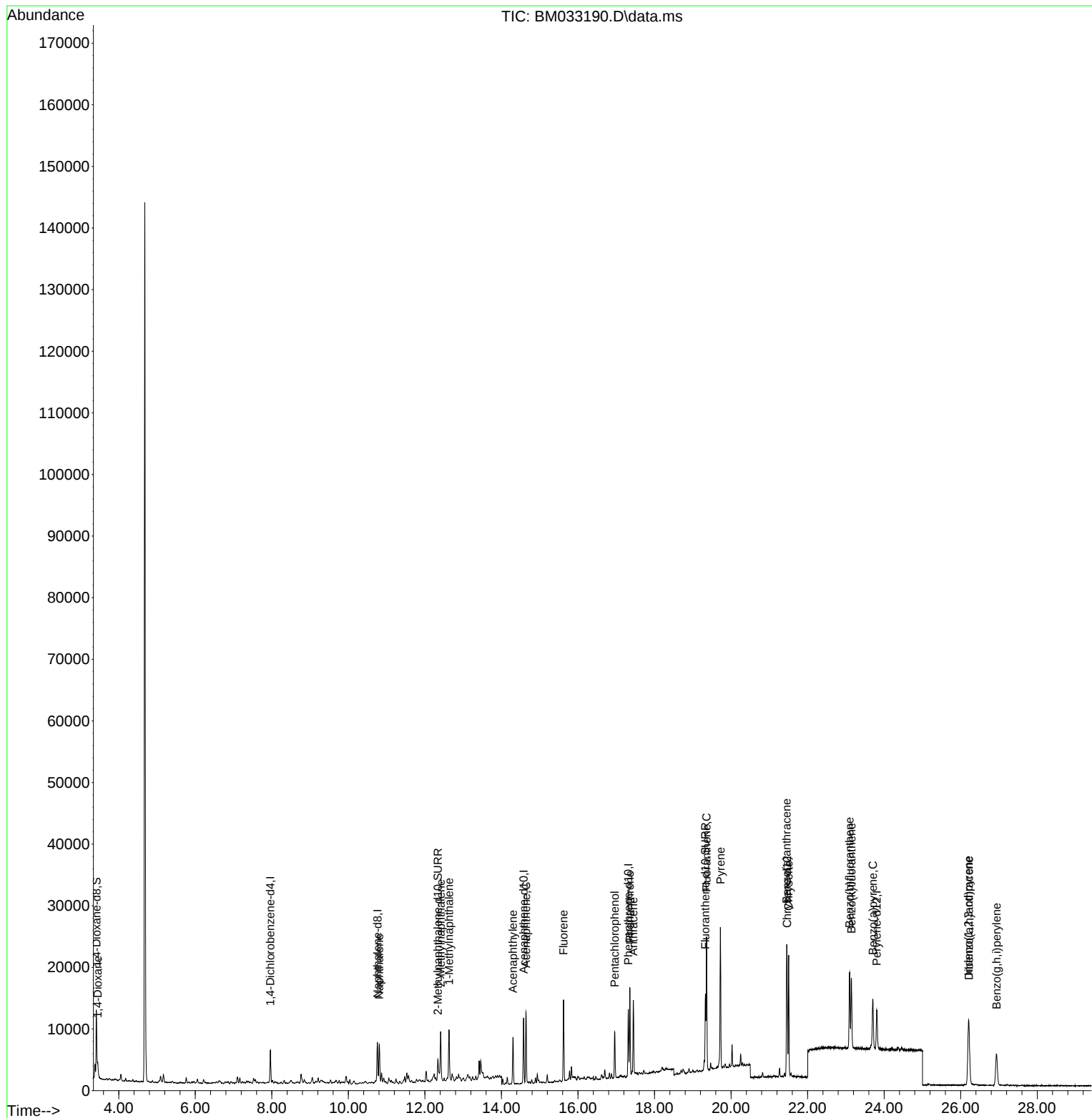
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	8754	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	5523	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	12707	0.400	ng/ul #	0.00
17) Chrysene-d12	21.467	240	11236	0.400	ng/ul #	0.00
23) Perylene-d12	23.807	264	9011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	7303	2.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	4166	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	13300	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	1394	0.471	ng/ul#	87
5) Naphthalene	10.809	128	8081	0.298	ng/ul#	96
7) 2-Methylnaphthalene	12.410	142	5514	0.314	ng/ul	98
8) 1-Methylnaphthalene	12.630	142	5669	0.326	ng/ul	97
10) Acenaphthylene	14.302	152	8742	0.339	ng/ul#	96
11) Acenaphthene	14.640	153	6979	0.329	ng/ul	98
12) Fluorene	15.622	166	8523	0.357	ng/ul	99
14) Pentachlorophenol	16.958	266	4906	1.157	ng/ul	97
15) Phenanthrene	17.354	178	15398	0.334	ng/ul	96
16) Anthracene	17.448	178	13611	0.365	ng/ul	96
19) Fluoranthene	19.360	202	18475	0.342	ng/ul	97
20) Pyrene	19.722	202	19564	0.364	ng/ul	99
21) Benzo(a)anthracene	21.453	228	16482	0.411	ng/ul	97
22) Chrysene	21.503	228	17019	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.097	252	16378	0.401	ng/ul	97
25) Benzo(k)fluoranthene	23.143	252	15556	0.387	ng/ul	97
26) Benzo(a)pyrene	23.705	252	12563	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.205	276	13811	0.324	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.218	278	10979	0.322	ng/ul	99
29) Benzo(g,h,i)perylene	26.937	276	11598	0.303	ng/ul	97

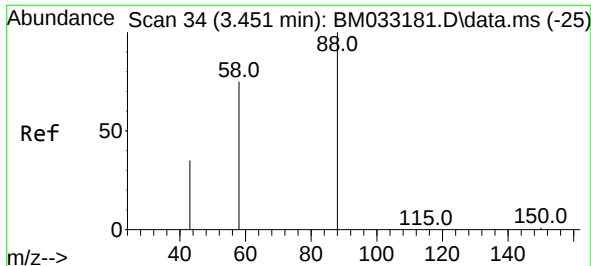
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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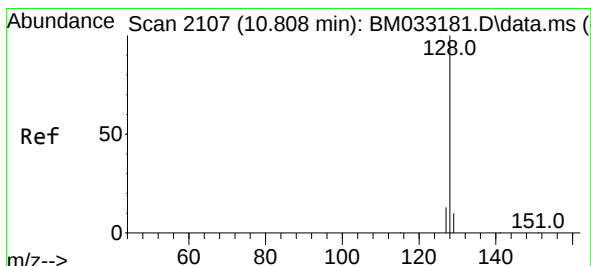
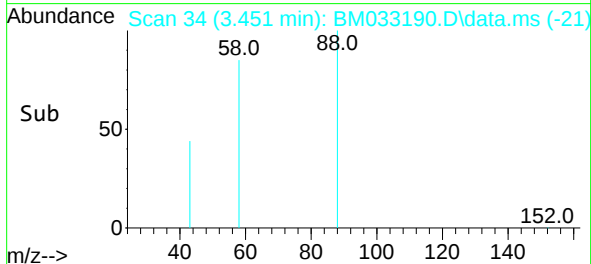
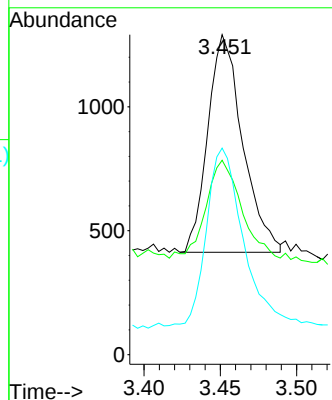
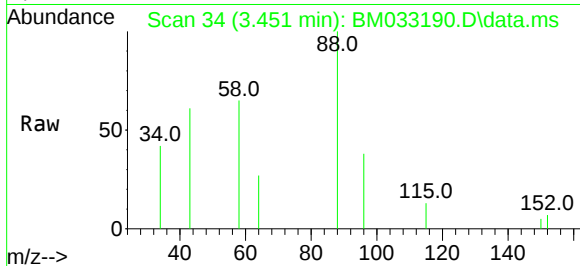




#2
1,4-Dioxane
Concen: 0.471 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

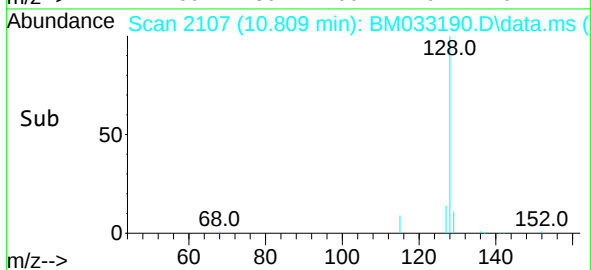
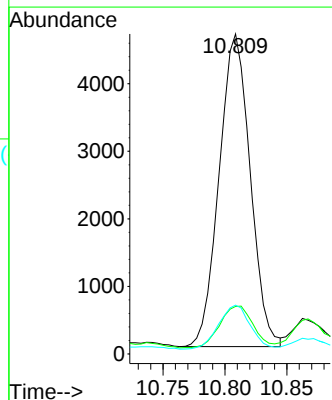
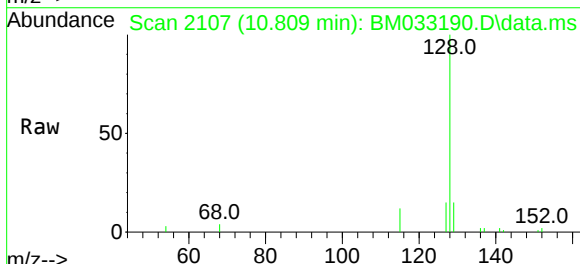
Instrument :
BNA_M
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H0AB5MSD

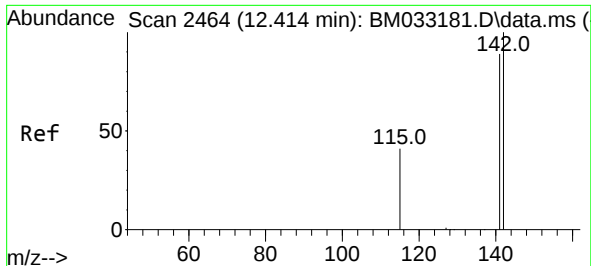
Tgt Ion: 88 Resp: 1394
Ion Ratio Lower Upper
88 100
43 60.7 35.8 53.8#
58 64.5 55.8 83.8



#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.809 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion: 128 Resp: 8081
Ion Ratio Lower Upper
128 100
129 14.8 9.8 14.6#
127 15.3 11.8 17.8

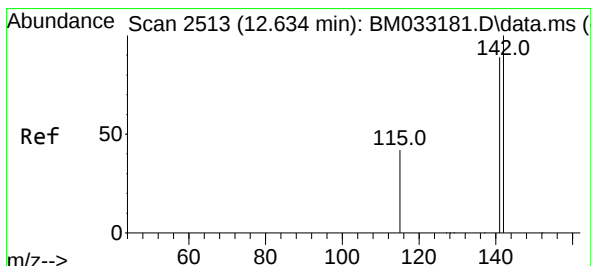
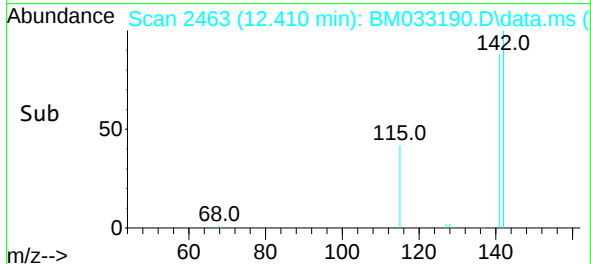
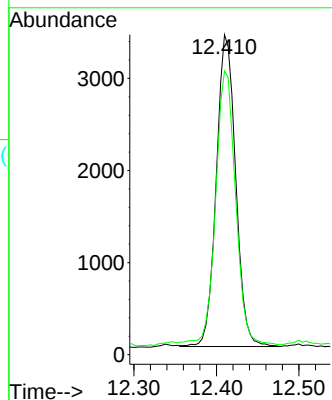
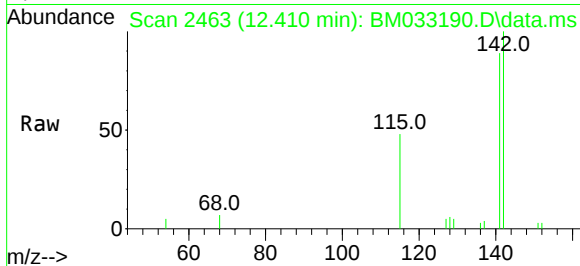




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.410 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

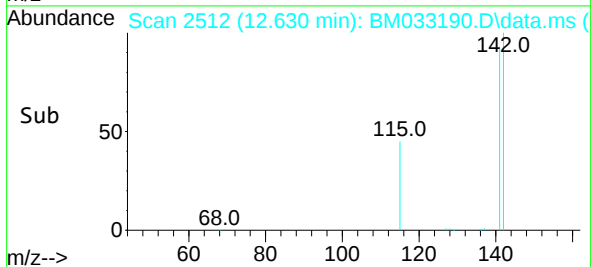
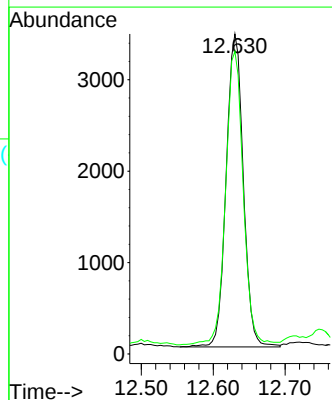
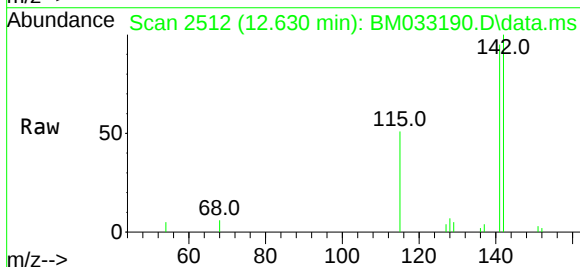
Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

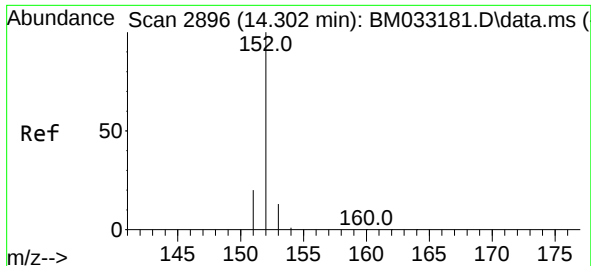
Tgt Ion:142 Resp: 5514
Ion Ratio Lower Upper
142 100
141 89.6 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.630 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:142 Resp: 5669
Ion Ratio Lower Upper
142 100
141 96.1 74.5 111.7

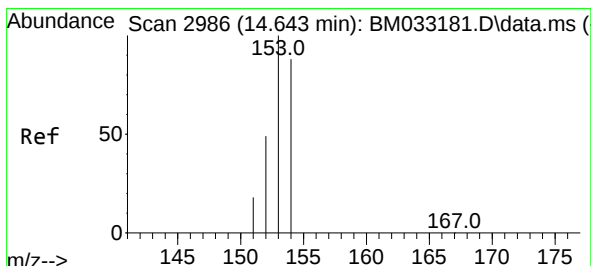
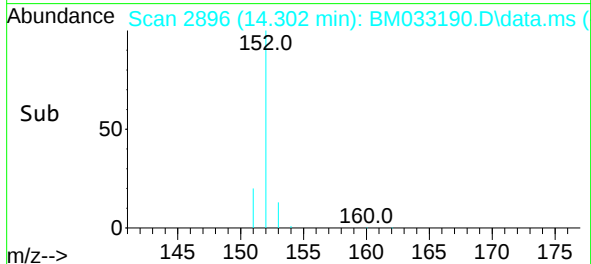
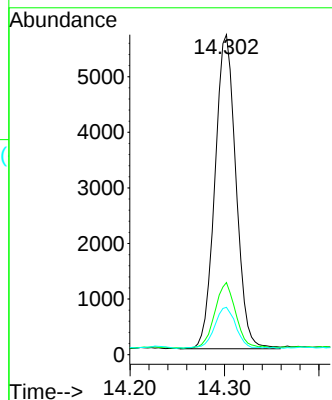
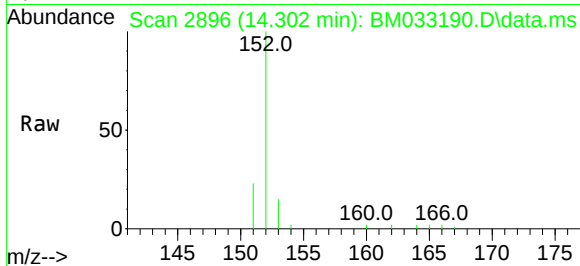




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.302 min Scan# 2896
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

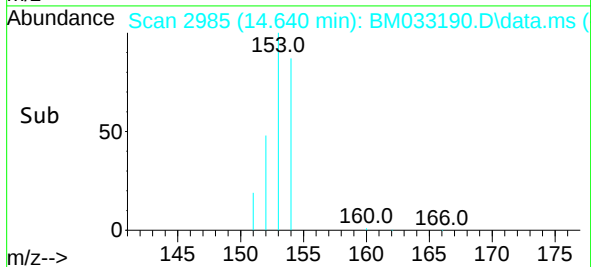
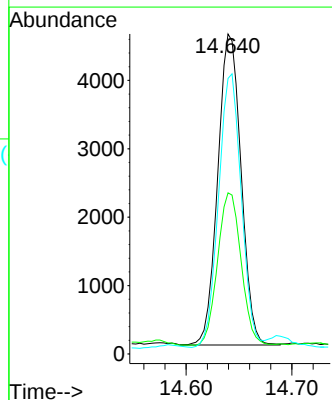
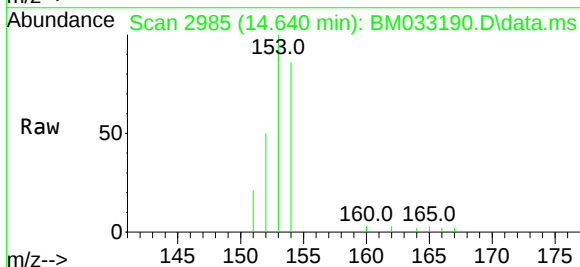
Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

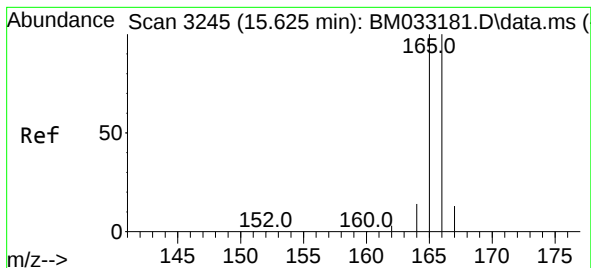
Tgt Ion:152 Resp: 8742
Ion Ratio Lower Upper
152 100
151 22.6 16.7 25.1
153 14.8 0.0 0.0#



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.640 min Scan# 2985
Delta R.T. -0.005 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:153 Resp: 6979
Ion Ratio Lower Upper
153 100
152 50.4 40.6 60.8
154 86.1 70.8 106.2





#12

Fluorene

Concen: 0.357 ng/ul

RT: 15.622 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM033190.D

Acq: 19 Nov 2021 23:41

Instrument :

BNA_M

ClientSampleId :

H0AB5MSD

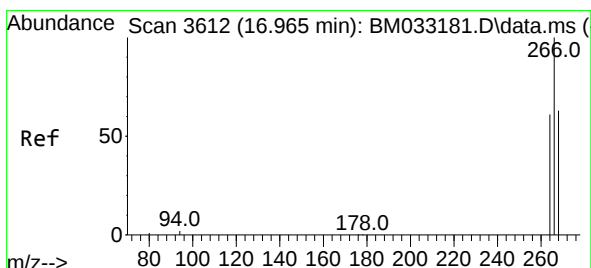
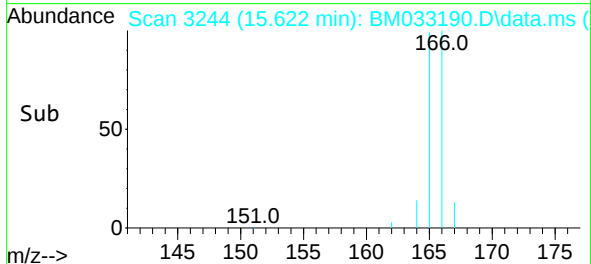
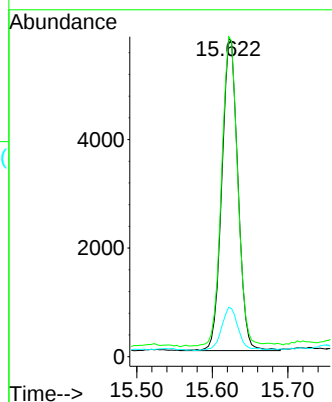
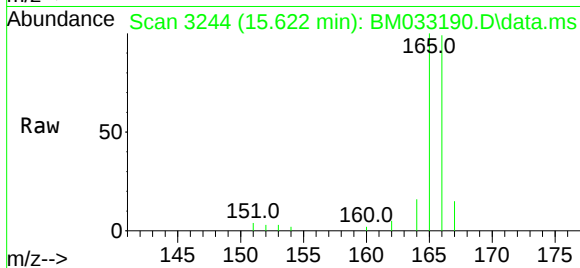
Tgt Ion:166 Resp: 8523

Ion Ratio Lower Upper

166 100

165 100.6 80.8 121.2

167 15.5 11.7 17.5



#14

Pentachlorophenol

Concen: 1.157 ng/ul

RT: 16.958 min Scan# 3610

Delta R.T. -0.008 min

Lab File: BM033190.D

Acq: 19 Nov 2021 23:41

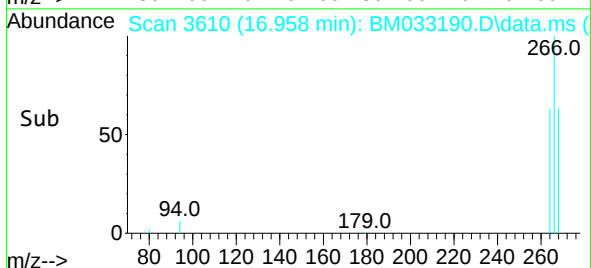
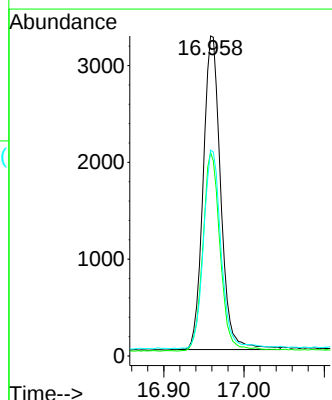
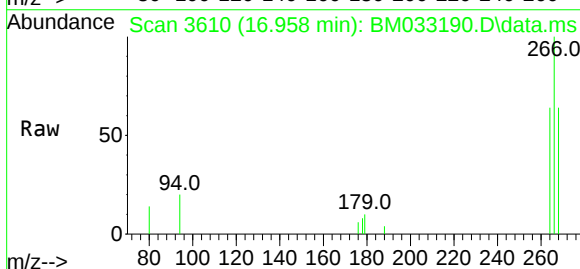
Tgt Ion:266 Resp: 4906

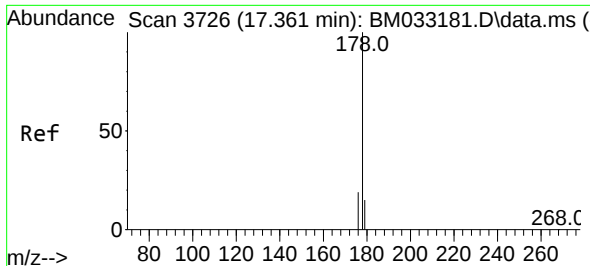
Ion Ratio Lower Upper

266 100

264 62.5 51.2 76.8

268 63.4 52.9 79.3

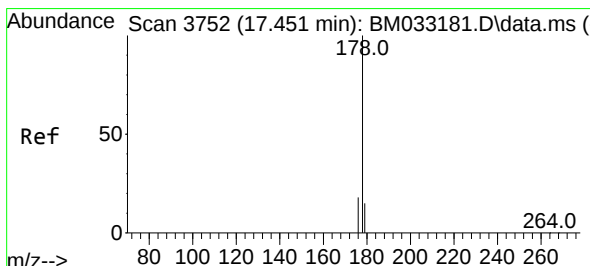
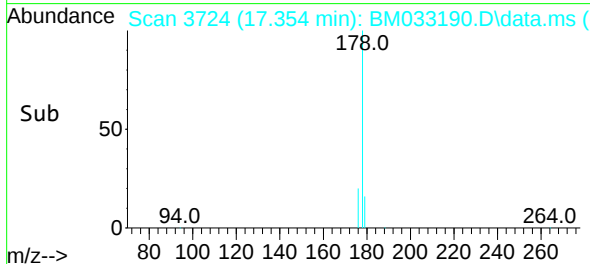
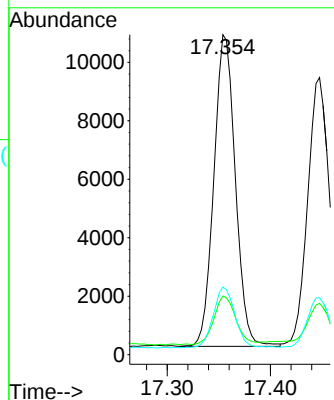
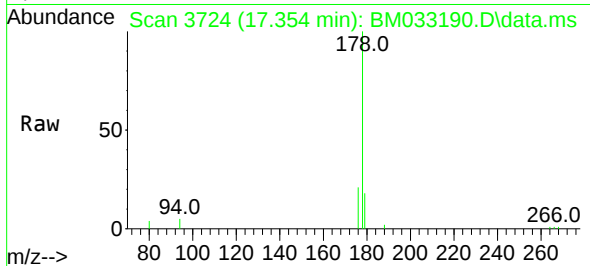




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.354 min Scan# 3724
Delta R.T. -0.004 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

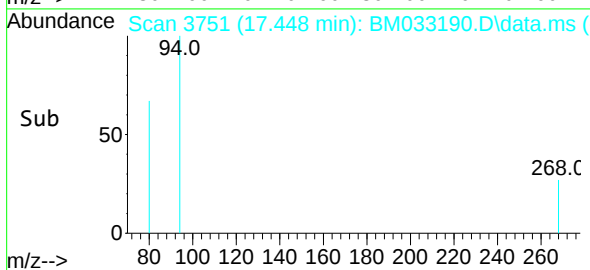
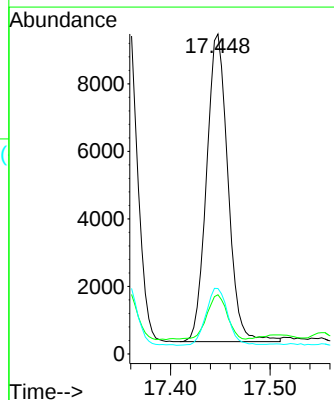
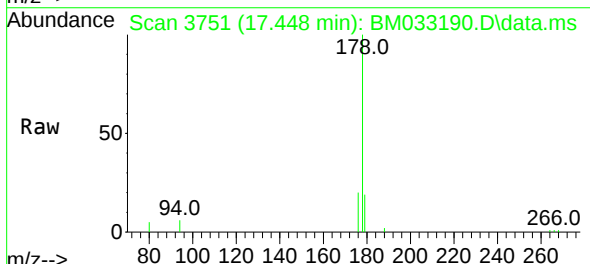
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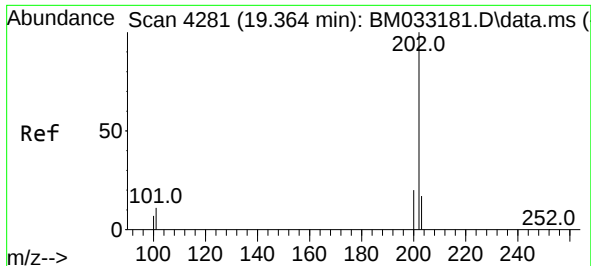
Tgt Ion:178 Resp: 15398
Ion Ratio Lower Upper
178 100
179 18.4 12.9 19.3
176 21.1 16.0 24.0



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.448 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:178 Resp: 13611
Ion Ratio Lower Upper
178 100
179 18.5 13.0 19.6
176 20.5 15.6 23.4

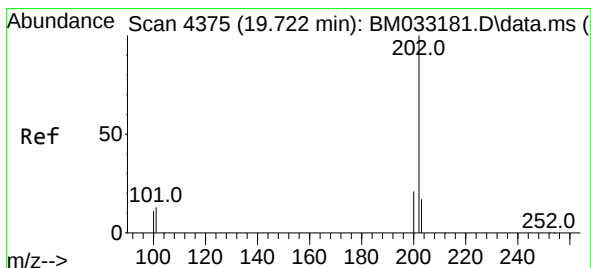
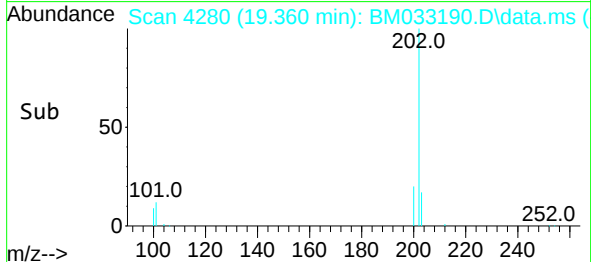
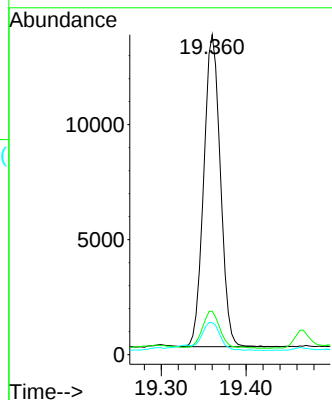
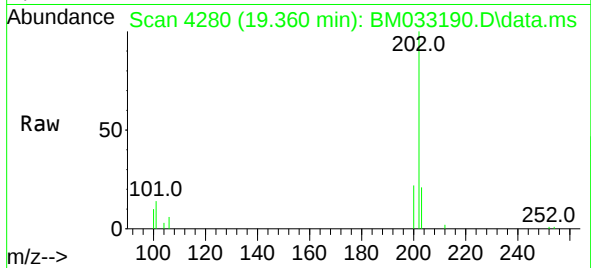




#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.360 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

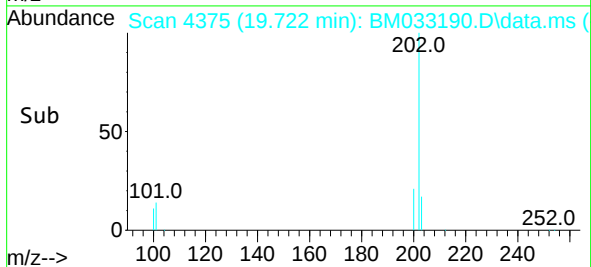
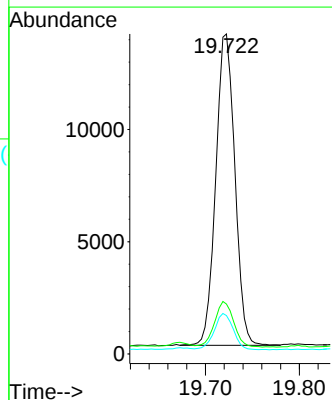
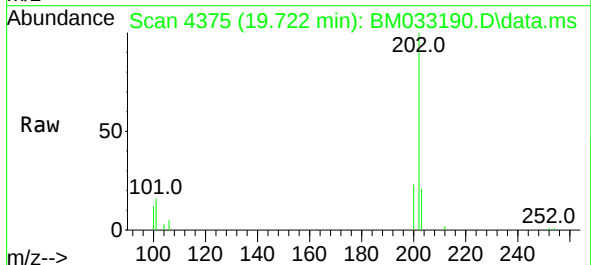
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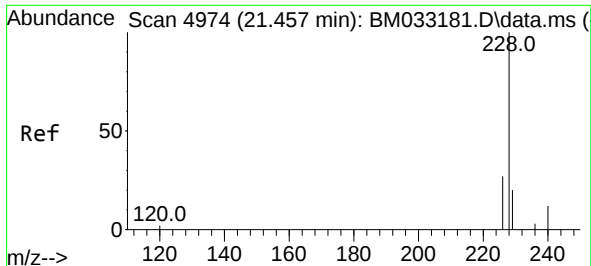
Tgt Ion:202 Resp: 18475
Ion Ratio Lower Upper
202 100
101 13.6 9.9 14.9
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.722 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:202 Resp: 19564
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.6
100 12.0 9.5 14.3

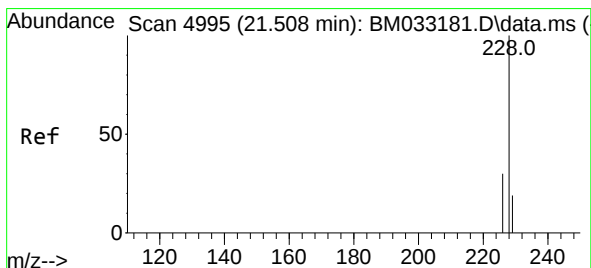
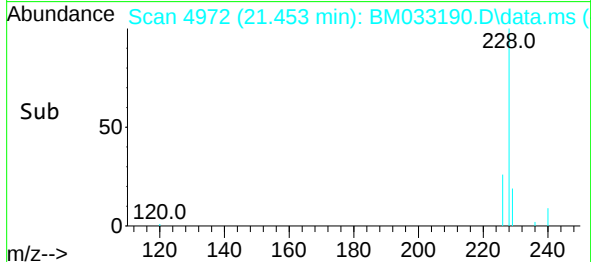
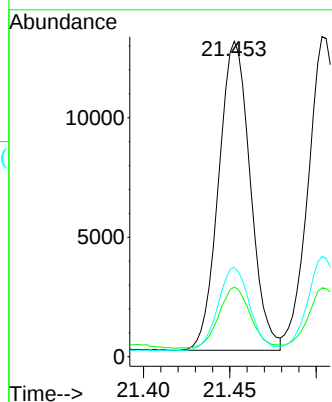
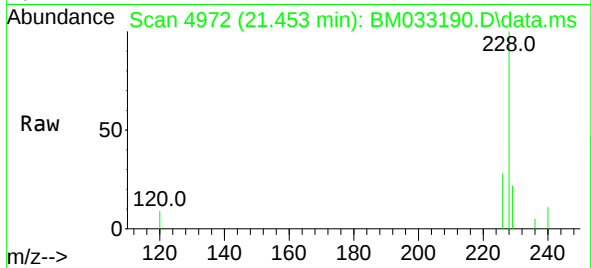




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.453 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

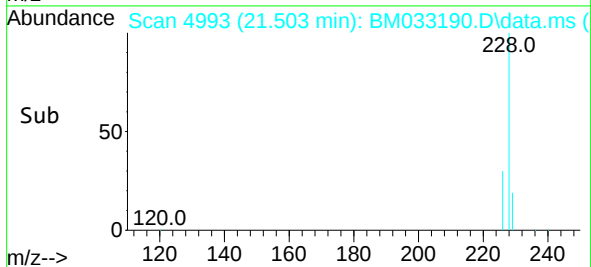
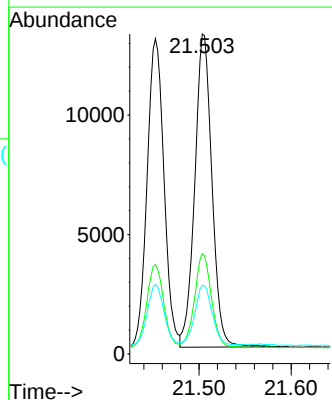
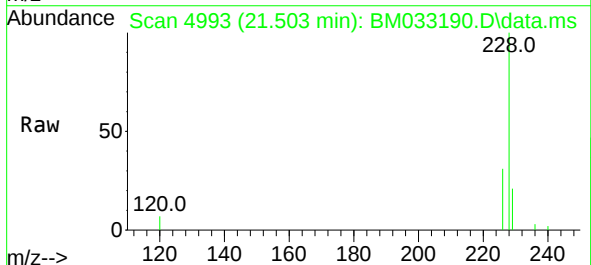
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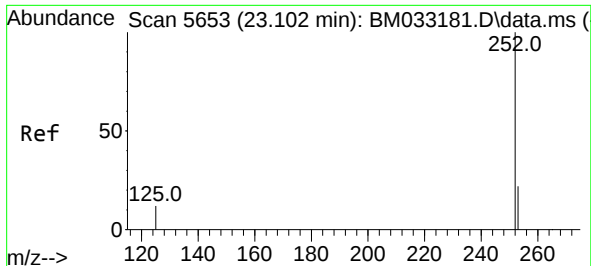
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Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 28.3 22.4 33.6



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.503 min Scan# 4993
Delta R.T. -0.003 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:228 Resp: 17019
Ion Ratio Lower Upper
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226 31.3 24.9 37.3
229 21.4 16.1 24.1

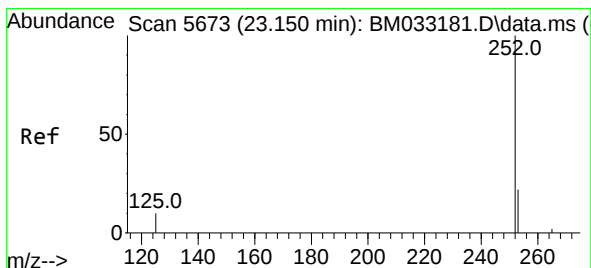
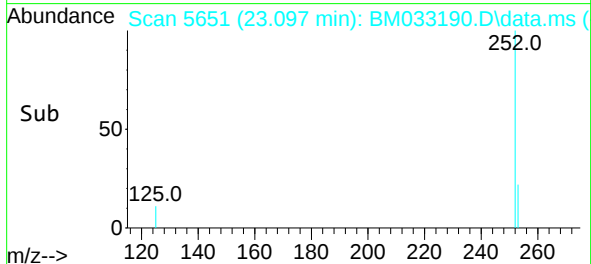
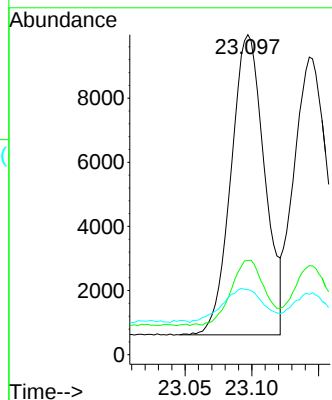
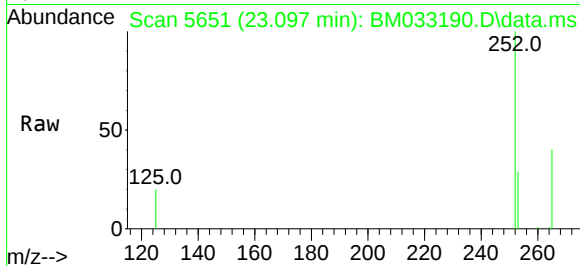




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.097 min Scan# 5651
Delta R.T. -0.003 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

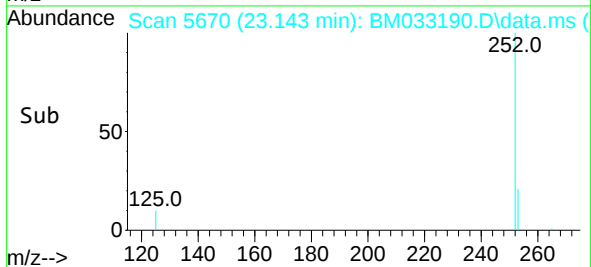
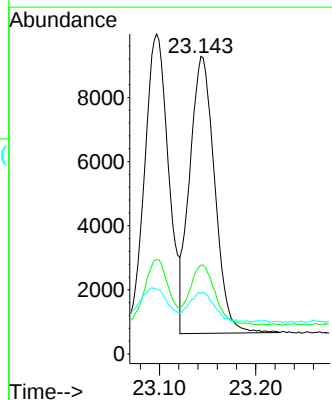
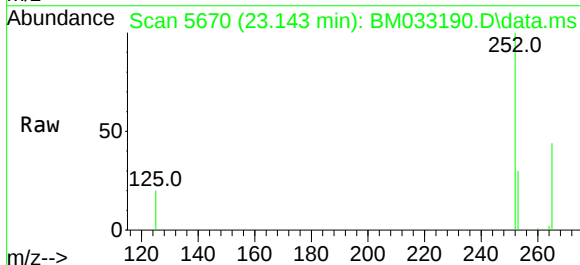
Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

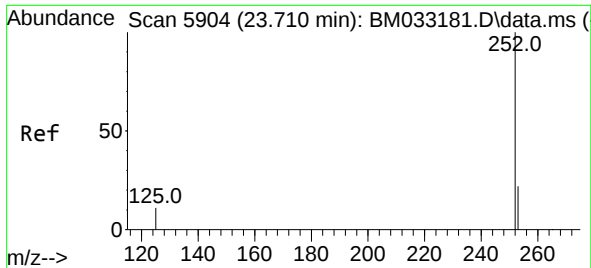
Tgt Ion:252 Resp: 16378
Ion Ratio Lower Upper
252 100
253 29.4 0.0 59.2
125 20.3 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.143 min Scan# 5670
Delta R.T. -0.006 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:252 Resp: 15556
Ion Ratio Lower Upper
252 100
253 29.9 23.1 34.7
125 20.3 14.6 21.8

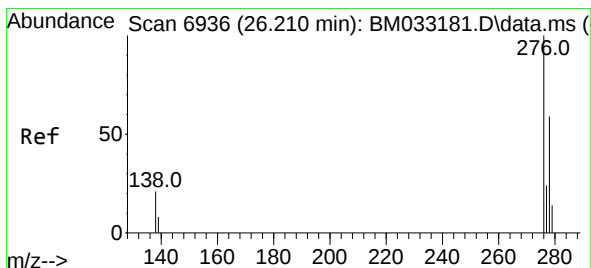
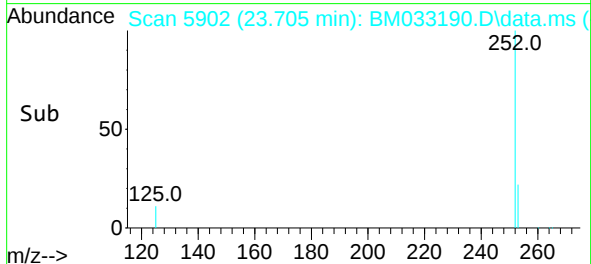
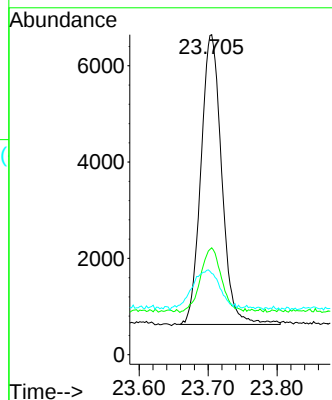
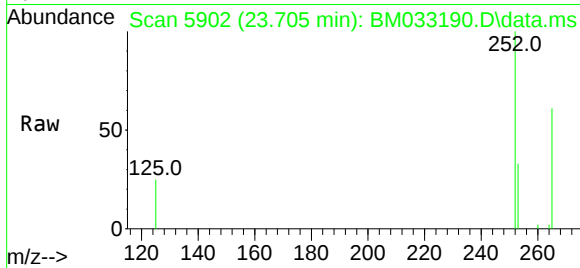




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.705 min Scan# 5902
Delta R.T. -0.006 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

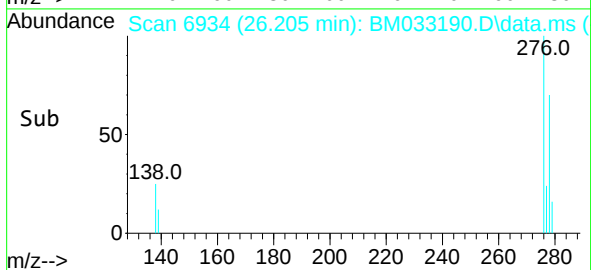
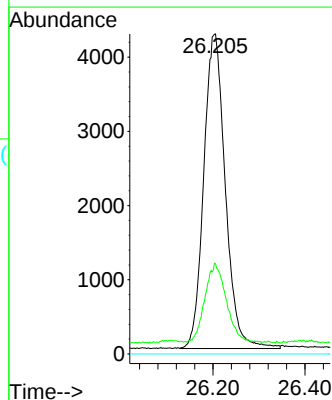
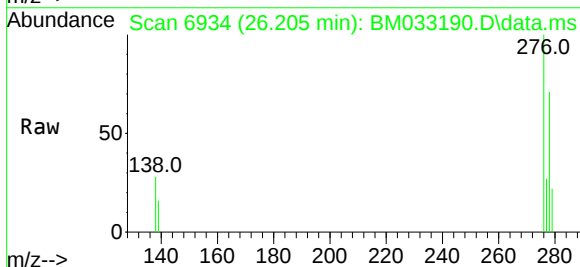
Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

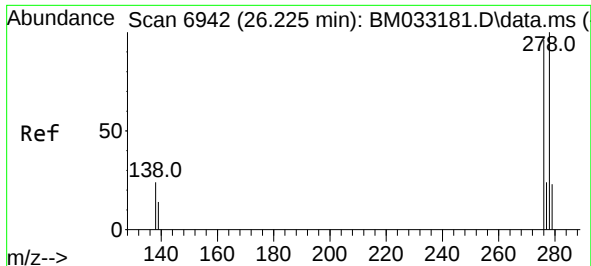
Tgt Ion:	252	Resp:	12563
Ion Ratio	Lower	Upper	
252	100		
253	33.4	27.1	40.7
125	25.4	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.205 min Scan# 6934
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:	276	Resp:	13811
Ion Ratio	Lower	Upper	
276	100		
138	24.8	22.9	34.3
227	0.0	0.0	0.0

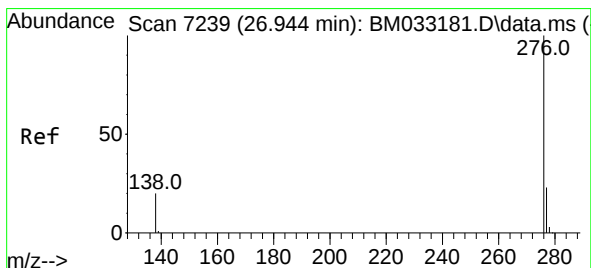
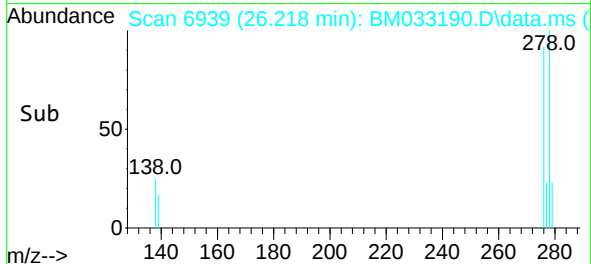
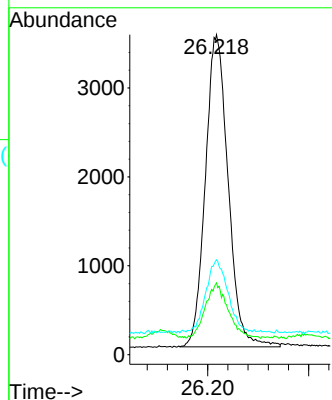
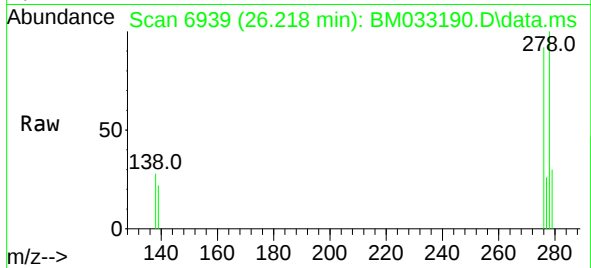




#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.218 min Scan# 6942
Delta R.T. -0.008 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

Tgt Ion:278 Resp: 10979
Ion Ratio Lower Upper
278 100
139 22.5 18.2 27.2
279 29.6 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 26.937 min Scan# 7236
Delta R.T. -0.001 min
Lab File: BM033190.D
Acq: 19 Nov 2021 23:41

Tgt Ion:276 Resp: 11598
Ion Ratio Lower Upper
276 100
138 24.9 22.2 33.2
277 26.0 21.0 31.4

